

Method and Apparatus for Synchronizing Audio and Video in Encrypted Videoconferences

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ABSTRACT

The invention provides a system that preserves the synchronization of the audio and video presented at a secure conferencing site without necessitating decryption, decompression, compression, and encryption of signals at the hub. The presently preferred embodiment of the invention provides an apparatus and method for synchronizing audio and video in encrypted videoconferences that comprises a plurality of conference sites; and a hub for receiving a compressed and encrypted, composite audio and video signal from each site, for determining a currently active site, and for transmitting said composite audio and video signal from said currently active site to all other sites; said hub receiving a compressed and encrypted audio only signal from each site; wherein said hub routes all incoming compressed and encrypted audio only signals to each site.